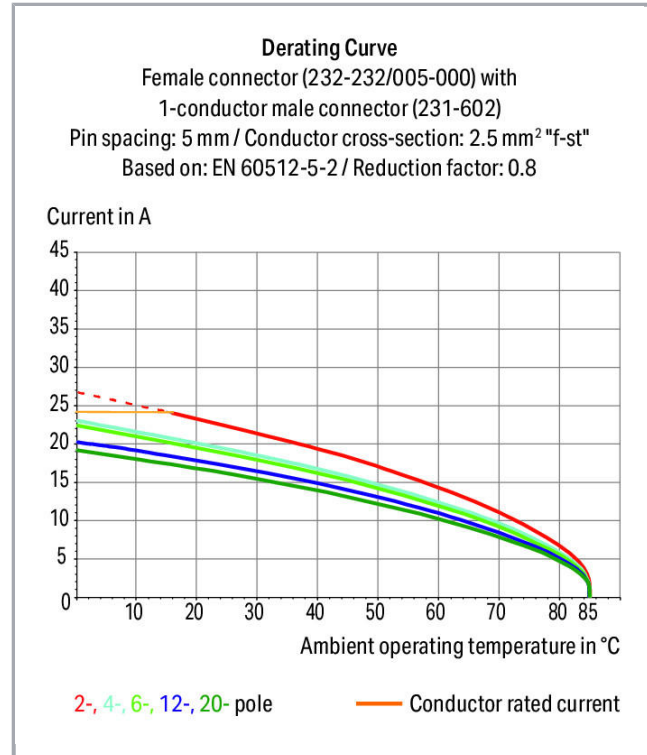
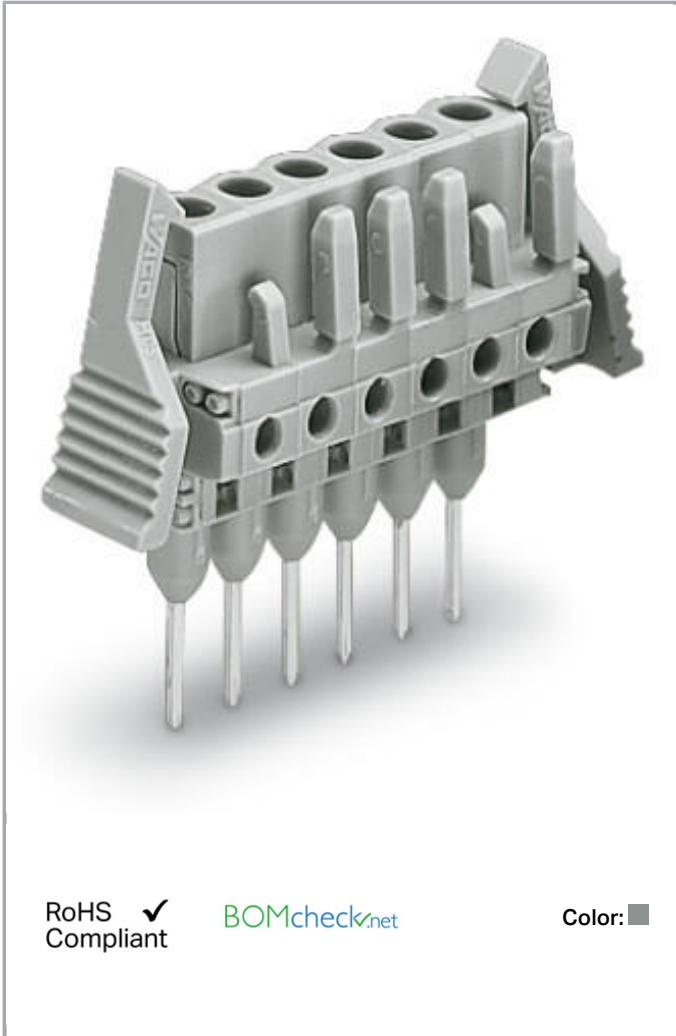


Data sheet | Item number: 232-150/005-000/039-000

Female connector for rail-mount terminal blocks; 0.6 x 1 mm pins; straight;  
Locking lever; Pin spacing 5 mm; 20-pole; gray



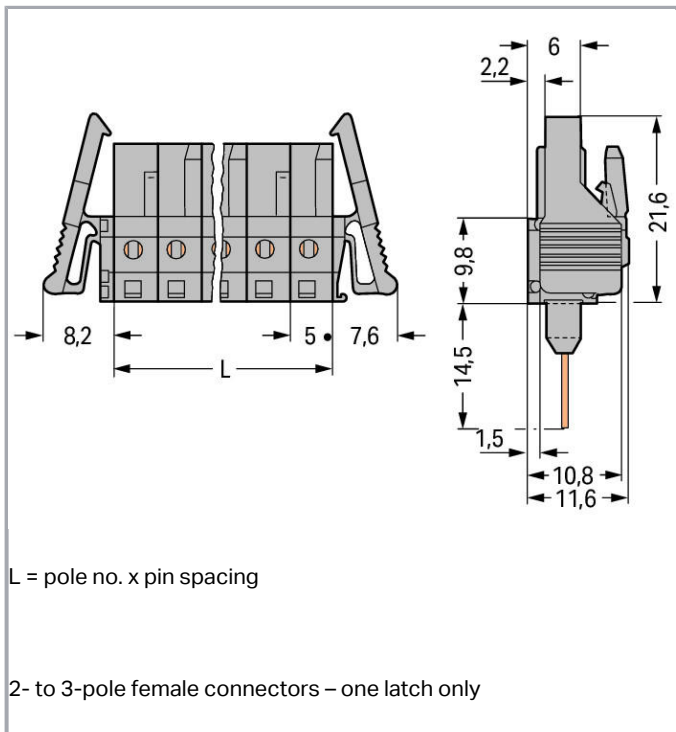
[www.wago.com/232-150/005-000/039-000](http://www.wago.com/232-150/005-000/039-000)



Subject to changes. Please also observe the further product documentation!

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## Item description

- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Female connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Female connectors are touch-proof when unmated, providing a pluggable, live output
- With coding fingers

### Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	320 V
Rated impulse voltage (III / 3)	4 kV

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Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	12 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

### Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

### Approvals per UL 1977

Rated voltage per UL 1977 (factory wiring only)	600 V
Rated current per UL 1977 (factory wiring only)	15 A

### Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

### Connection data

No. of poles	20
Total number of potentials	20
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	115.8 mm / 4.559 inch
Height	36.1 mm / 1.421 inch
Height from the surface	21.6 mm / 0.85 inch
Depth	11.6 mm / 0.457 inch

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## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for front-entry wiring terminal block
Mismating protection	No
Locking of plug-in connection	locking lever
Steckrichtung zur Reihenklemme	90°

## Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.394 MJ
Weight	21.8 g

## Environmental Requirements


Limit temperature range	-60 ... +85 °C
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## Commercial data

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	DE
GTIN	4044918570978
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	1466354

### UL-Approvals

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Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	20190731-E45172

## Counterpart



Item no. 231-620

1-conductor male connector; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 20-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/231-620](http://www.wago.com/231-620)

## Compatible products

### Test Accessories



Item no.: 231-661

Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/231-661](http://www.wago.com/231-661)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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## CAD/CAE-Data

### CAE data

EPLAN Data Portal 232-150/005-000/039-000	URL	Download
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## Installation Notes

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## Product family

<i>MCS</i> MIDI Classic

[Learn more about the product family.](#)

[Show all products from the family](#)

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